

Sub C

What is claimed is;

1. A surface light source device of side light type comprising:
a guide plate having a minor face to provide an incidence end face and two major faces to provide an emission face and a back face;and
a primary light source arranged so that the guide plate is supplied with primary light through the incidence end face, wherein
said emission face is provided with a great number of light scattering elements distributed according to a predetermined pattern and is provided with a rough area formed among said light scattering elements,
said rough area having roughness which is smaller than that of said light scattering elements.

2. A surface light source device of side light type in accordance with claim 1, wherein said rough area has roughness falling in a range from 0.02 to 0.25 μ m in arithmetic mean roughness.

3. A surface light source device of side light type in accordance with claim 1 or 2, wherein said light scattering elements have sizes such that the light scattering elements are hard to be visible to the naked eye.

4. A liquid crystal display including a liquid crystal display panel and a surface light source device of side light type for backlighting of the liquid crystal display panel, said surface light source device comprising:
a guide plate having a minor face to provide an incidence end face and two major faces to provide an emission face and a back face;and
a primary light source arranged so that the guide plate is supplied with primary light through the incidence end face, wherein
said emission face is provided with a great number of light scattering elements distributed according to a predetermined pattern and is provided with a rough area formed among said light scattering elements,

said rough area having roughness which is smaller than that of said light scattering elements.

5. A liquid crystal display in accordance with claim 4, wherein said rough area has roughness falling in a range from 0.02 to 0.25 μ m in arithmetic mean roughness.

6. A liquid crystal display in accordance with claim 4 or 5, wherein said light scattering elements have sizes such that the light scattering elements are hard to be visible to the naked eye.

c³
Sub A¹²

7. A guide plate having a minor face to provide an incidence end face and two major faces to provide an emission face and a back face; and
a primary light source arranged so that the guide plate is supplied with primary light through the incidence end face, wherein

said emission face is provided with a great number of light scattering elements distributed according to a predetermined pattern and is provided with a rough area formed among said light scattering elements,

said rough area having roughness which is smaller than that of said light scattering elements.

8. A guide plate in accordance with claim 7, wherein said rough area has roughness falling in a range from 0.02 to 0.25 μ m in arithmetic mean roughness.

9. A guide plate in accordance with claim 7 or 8, wherein said light scattering elements have sizes such that the light scattering elements are hard to be visible to the naked eye.